



**EGI.eu**

**Operations portal**

## **OPERATIONAL LEVEL AGREEMENT**

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<b>Customer</b>	EGI.eu
<b>Provider</b>	<b>CNRS</b>
<b>Start Date</b>	1 May 2016
<b>End Date</b>	31 December 2017
<b>Status</b>	FINAL
<b>Agreement Date</b>	17/03/2016
<b>OLA Link</b>	<a href="https://documents.egi.eu/document/2770">https://documents.egi.eu/document/2770</a>

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## DOCUMENT LOG

<i>Issue</i>	<i>Date</i>	<i>Comment</i>	<i>Author</i>
<b>FINAL</b>	17/03/2016	Final version	Małgorzata Krakowian

## TERMINOLOGY

The EGI glossary of terms is available at: <https://wiki.egi.eu/wiki/Glossary>

For the purpose of this Agreement, the following terms and definitions apply. The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

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The present Operational Level Agreement (“the Agreement”) is made between **EGI.eu (the Customer)** and **CNRS (the Provider)** to define the provision and support of the provided services as described hereafter. Representatives and contact information are defined in Section 6.

This Agreement is valid from **1 May 2016** to **31 December 2017**.

The Agreement was discussed and approved by the Customer and the Provider **17/03/2016**.

The Agreement extends the Corporate-level EGI Operational Level Agreement<sup>1</sup> with following information:

## 1 The Services

The Services are defined by the following properties:

<b>Technical</b>	<p>The Operations Portal provides different capabilities:</p> <ul style="list-style-type: none"><li>• The detection and the follow-up of incidents on the different resource centre of the EGI infrastructure</li><li>• The repository for the static information related to Virtual Organizations</li><li>• The broadcast tool</li><li>• A visualisation (charts) and notification (emails or rss) system related to the downtimes impacting the services, the sites, the NGIs or the VO</li><li>• A reporting and computing system giving the availabilities and reliabilities of the NGI Core services, of the sites and of the services of a VO</li><li>• A user tracking tool</li><li>• Metrics and charts</li></ul> <p>The architecture is composed of three modules:</p> <ul style="list-style-type: none"><li>• A database – to store information related to the users or the VO - namely MySQL</li><li>• A web module – graphical user interface – which is currently integrated into the Symfony and bootstrap frameworks</li><li>• A Data Aggregation and Unification Service named Lavoisier</li></ul> <p>Both MySQL and the web module are clustered to provide High Availability. Different instances of the services must be deployed to ensure HA. This service includes the following components.</p>
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<sup>1</sup> <https://documents.egi.eu/document/2752>

<b>Coordination</b>	This activity is responsible for the coordination of the system operation and upgrade activities with those partners that are in charge of operating other systems that depend on it. Coordination with the EGI Operations is necessary to support the production of reports and to provide data views not available in the portal standard interfaces.
<b>Operation</b>	<ul style="list-style-type: none"> <li>• Daily running of the system</li> <li>• Provisioning of a high availability configuration</li> <li>• A test infrastructure to verify interoperability and the impact of software upgrades on depending systems</li> <li>• Deployment in the testing infrastructure and in production of the developments produced by EGI-Engage</li> </ul>
<b>Maintenance</b>	<p>This activity includes:</p> <ul style="list-style-type: none"> <li>• bug fixing, proactive maintenance, improvement of the system</li> <li>• coordination of software maintenance activities with other technology providers that provide software for the EGI Core Infrastructure or remote systems deployed by integrated and peer infrastructures that interoperate with the Operations Portal.</li> <li>• Maintenance of probes to test the functionality of the service</li> <li>• Requirements gathering</li> <li>• Documentation</li> </ul>

## 2 Service hours and exceptions

As defined in Corporate-level EGI Operational Level Agreement.

## 3 Support

As defined in Corporate-level EGI Operational Level Agreement.

Support is provided via EGI Service Desk<sup>2</sup> Support Unit: Operations Portal

Additionally support is provided via: [cic-information@cc.in2p3.fr](mailto:cic-information@cc.in2p3.fr)

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<sup>2</sup> <http://helpdesk.egi.eu/>

Support is available between:

- Monday and Friday
- 9:30 and 17:30 CET/CEST time

This excludes public holidays at the same time in all organizations providing the service.

### 3.1 Incident handling

As defined in Corporate-level EGI Operational Level Agreement.

### 3.2 Service requests

As defined in Corporate-level EGI Operational Level Agreement.

## 4 Service level targets

### Monthly Availability

- Defined as the ability of a service or service component to fulfil its intended function at a specific time or over a calendar month.
- Minimum (as a percentage per month): 99%

### Monthly Reliability

- Defined as the ability of a service or service component to fulfil its intended function at a specific time or over a calendar month, excluding scheduled maintenance periods.
- Minimum (as a percentage per month): 99%

### Quality of Support level

- Medium (Section 3)

## 5 Limitations and constraints

As defined in Corporate-level EGI Operational Level Agreement.

## 6 Communication, reporting and escalation

### 6.1 General communication

The following contacts will be generally used for communications related to the service in the scope of this Agreement.

<b>Customer contact for the Provider</b>	Peter Solagna <a href="mailto:operations@egi.eu">operations@egi.eu</a>
<b>Provider contact for the Customer</b>	Cyril L'Orphelin <a href="mailto:cyril.lorphelin@cc.in2p3.fr">cyril.lorphelin@cc.in2p3.fr</a>
<b>Service Support contact</b>	See Section 3

## 6.2 Regular reporting

As part of the fulfilment of this Agreement and provisioning of the service, the following reports will be provided:

Report title	Contents	Frequency	Delivery
Service Performance Report	The document provides the overall assessment of service performance (per month) and OLA target performance achieved during last 6 months	Every 6 months starting from 1 May 2016	At least one page document submitted to the Executive Board for assessment and made publicly available at EGI Document server <sup>3</sup> by the Customer contact

## 6.3 Violations

As defined in Corporate-level EGI Operational Level Agreement.

## 6.4 Escalation and complaints

For escalation and complaints, the Provider contact point shall be used, and the following rules apply.

- In case of repeated violation of the Services targets for four consecutive months, a review of the Agreement and of the Services enhancement plan will take place involving the parties of the Agreement.

<sup>3</sup> <https://documents.egi.eu>

- Complaints or concerns about the Services provided should be directed to the Provider contact who will promptly address these concerns. Should the Customer still feel dissatisfied, about either the result of the response or the behaviour of the Provider, EGI.eu Director [director@egi.eu](mailto:director@egi.eu) should be informed.

## 7 Information security and data protection

As defined in Corporate-level EGI Operational Level Agreement

## 8 Responsibilities

### 8.1 Of the Provider

Additional responsibilities of the Provider are as follow:

- Adhere to all applicable operational and security policies and procedures<sup>4</sup> and to other policy documents referenced therein;
- Use communication channel defined in the agreement;
- Attend OMB<sup>5</sup> and other operations meeting when needed;
- Accept EGI monitoring services provided to measure fulfilment of agreed service level targets.
- Service with associated roles are registered in GOC DB<sup>6</sup> as site entity under EGI.eu Operations Centre hosting EGI central operations tools<sup>7</sup>

### 8.2 Of the Customer

The responsibilities of the customer are:

- Raise any issues deemed necessary to the attention of the Provider;
- Collect requirements from the Resource infrastructure Providers;
- Support coordination with other EGI services
- Provide monitoring to measure fulfilment of agreed service level targets.

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<sup>4</sup> [https://www.egi.eu/about/policy/policies\\_procedures.html](https://www.egi.eu/about/policy/policies_procedures.html)

<sup>5</sup> <https://wiki.egi.eu/wiki/OMB>

<sup>6</sup> <http://goc.egi.eu/>

<sup>7</sup> [https://goc.egi.eu/portal/index.php?Page\\_Type=NGI&id=4](https://goc.egi.eu/portal/index.php?Page_Type=NGI&id=4)



## 9 Review, extensions and termination

There will be reviews of the service performance against service level targets and of this Agreement at planned intervals with the Customer according to the following rules:

- Technical content of the agreement and targets will be reviewed on a yearly basis.